

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

2/29/12

Tejal Mehta
Assistant District Attorney
Middlesex County

Dear ADA Mehta:

Enclosed is the analytical information you requested in regards to laboratory certificate number [REDACTED] Included are copies of the following:

- 1) Laboratory Drug Receipt
- 2) Laboratory Control Card with chemists' hand notations
- 3) Analysis Reporting Form with chemist's hand notations
- 4) Gas Chromatograph/Mass Spectrometer (GC/MS) analytical data

The preliminary tests on this sample were performed by Daniel Renczkowski and the GC/MS analysis of this item was performed by Annie Dookhan.

If you have any questions about this material, please call the laboratory at 617-983-6622.

Sincerely,

A handwritten signature in black ink that reads "Daniel Renczkowski".

Daniel Renczkowski
Chemist II
DPH Forensic Drug Analysis Laboratory

cc: ASD

No. [REDACTED] Date Analyzed: 03-18-10

City: Lowell Police Dept.

Officer: Detective BRYAN MCMAHON

Def: [REDACTED]

Amount: Subst: SUB

No. Cont: 43 Cont: pb

Date Rec'd: 08/19/2009

No. Analyzed: 5

Gross Wt.: 12.23 ✓

Net Weight: 5.78g

Tests: 21 DTR

10480

Prelim: Heroin

Findings: Heroin

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Boston Hours

8:00 – 11:00

2:00 - 4:00

DRUG RECEIPT

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Tel (413) 545-2601

Tel (413) 545-2001
Fax (413) 545-2608

Amherst Hours

9:00 – 12:00

1:00 – 3:00

City or Department: LOWELL Police Reference No.:

Name and Rank of Submitting Officer: DET. BRYAN W. McMAHON

Defendant(s) Name (last, first, initial):

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

PINK PLASTIC PACKETS w/ POWDER - HEROIN - 43.

12.23 p

Received by: Date:

Date: 8-19-09

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Lowell ANALYST DJR
No. of samples tested: 5 Evidence Wt. OK

PHYSICAL DESCRIPTION: Gross Wt (4.3): 9.9206g
Brown powdery substance
in 43 red ziplock PB's
within a clear ziplock PB
with "Apple Bags" logo.
Gross Wt (): _____
Pkg. Wt: _____
Net Wt: 5.7878g

PRELIMINARY TESTS

Spot Tests

5 Cobalt Thiocyanate () +
5 Marquis _____
5 Froehde's _____
5 Mecke's _____

Microcrystalline Tests

Gold Chloride _____
TLTA () _____

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Heroin
DATE 3-15-10

GC/MS CONFIRMATORY TEST

RESULTS Heroin
MS OPERATOR ASD
DATE 3-18-10

Calculations:

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.333	0.0969	0.1259	26			
2	0.2332	0.0991	0.1341	27			
3	0.2459	0.0971	0.1488	28			
4	0.2468	0.0978	0.1490	29			
5	0.2113	0.0955	0.1158	30			
6				31			
7		Sum =	0.1731	32			
8		$\div 5 =$	0.1340	33			
9		$\times 43 =$	5.7878	34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

samples tested: 5

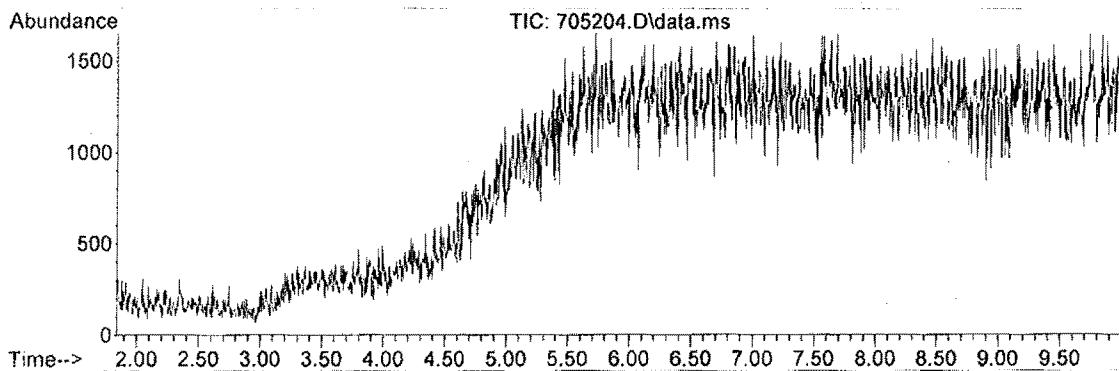
Sample #: [REDACTED]

Area Percent / Library Search Report

✓ P.D.O
2-29-12

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705204.D
Operator : ASD
Date Acquired : 17 Mar 2010 8:30
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



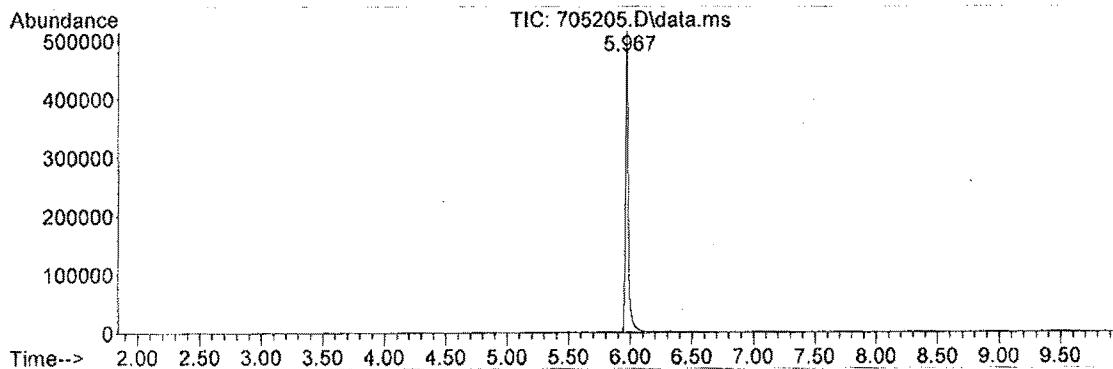
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705205.D
Operator : ASD
Date Acquired : 17 Mar 2010 8:43
Sample Name : HEROIN STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.967	787726	100.00	100.00

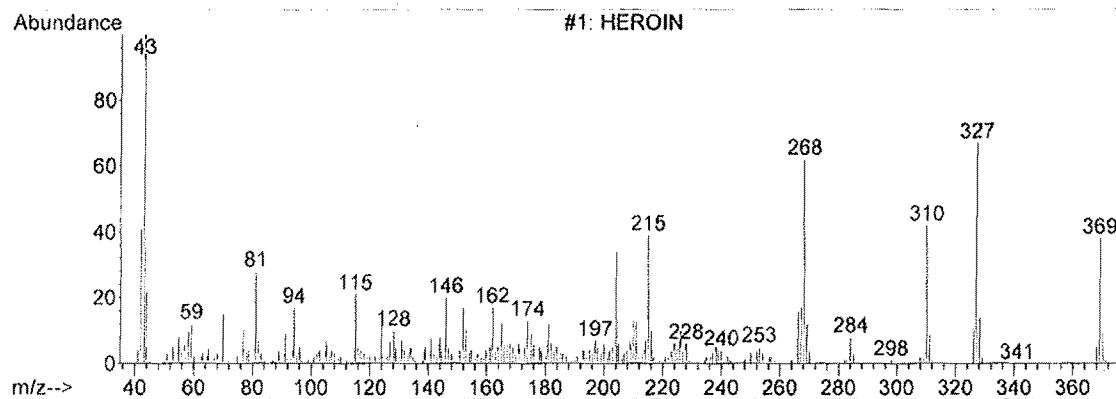
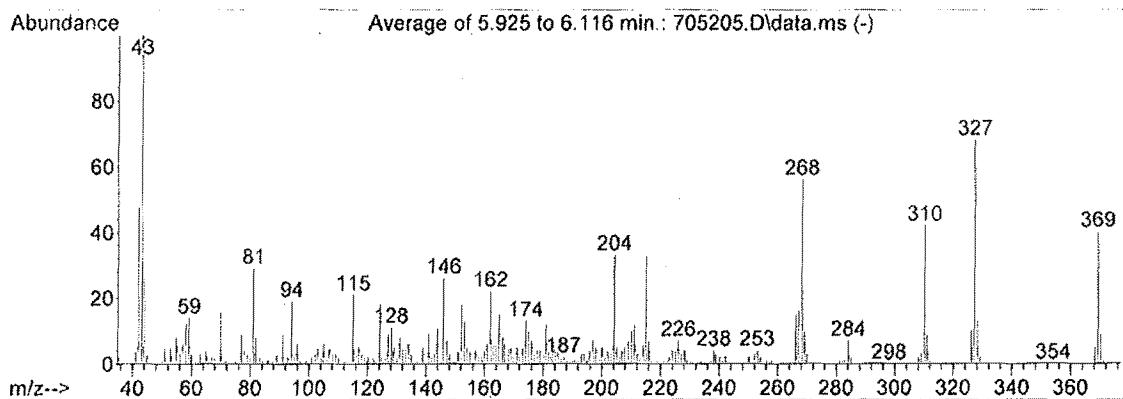
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705205.D
Operator : ASD
Date Acquired : 17 Mar 2010 8:43
Sample Name : HEROIN STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

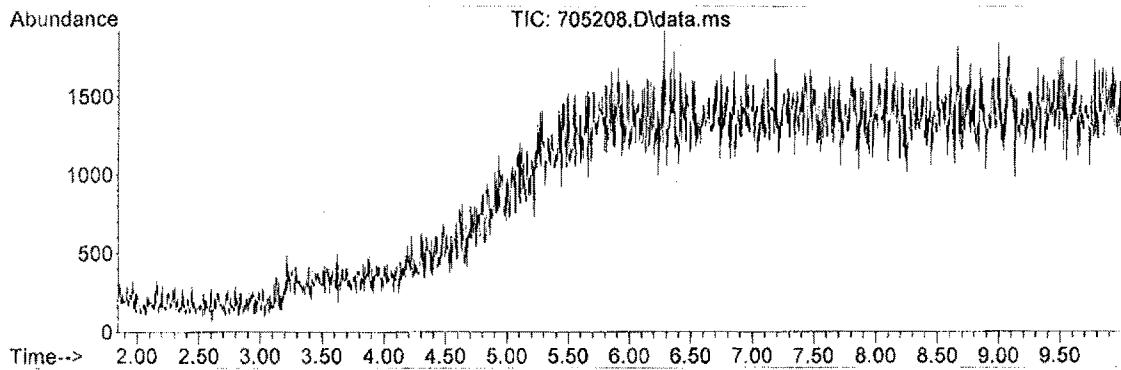
PK#	RT	Library/ID	CAS#	Qual
1	5.97	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705208.D
Operator : ASD
Date Acquired : 17 Mar 2010 9:21
Sample Name : BLANK
Submitted by : DJR
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



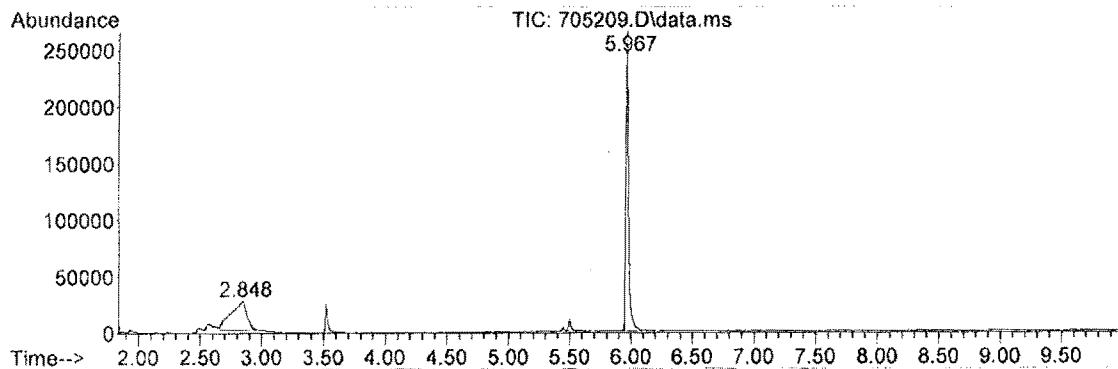
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705209.D
Operator : ASD
Date Acquired : 17 Mar 2010 9:33
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 9
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.848	233774	37.76	60.67
5.967	385317	62.24	100.00

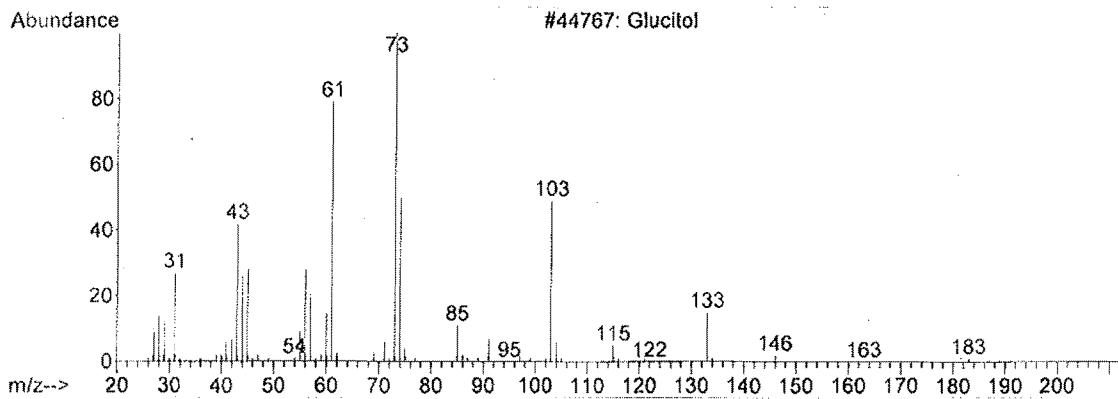
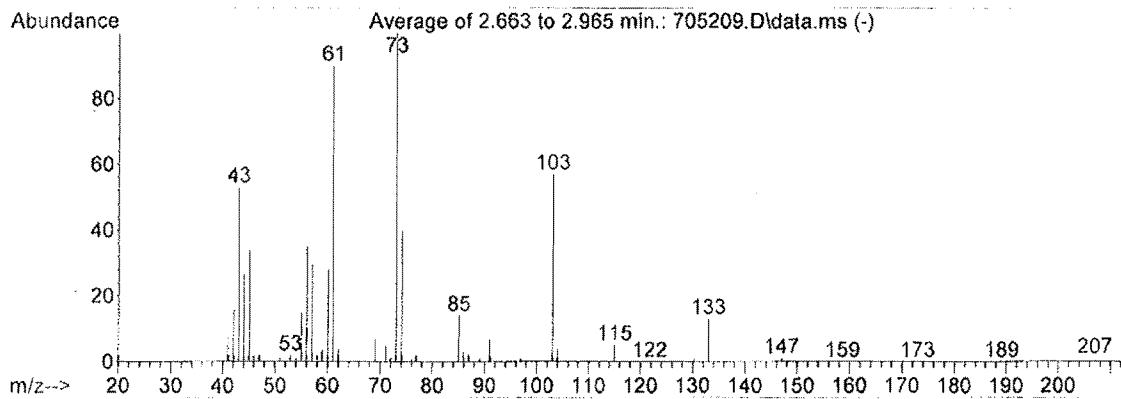
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705209.D
 Operator : ASD
 Date Acquired : 17 Mar 2010 9:33
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 9
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.85	C:\Database\NIST05a.L		
		Glucitol	026566-34-7	83
		D-Mannitol	000069-65-8	83
		Sorbitol	000050-70-4	80



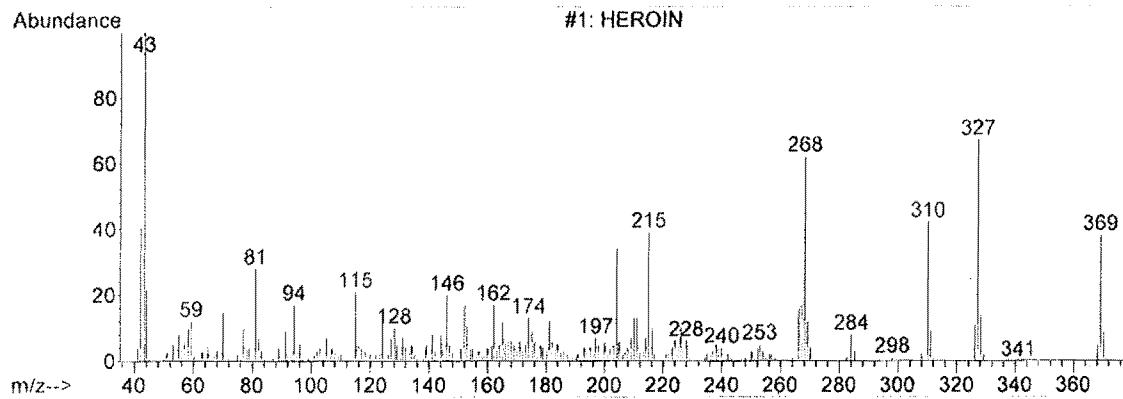
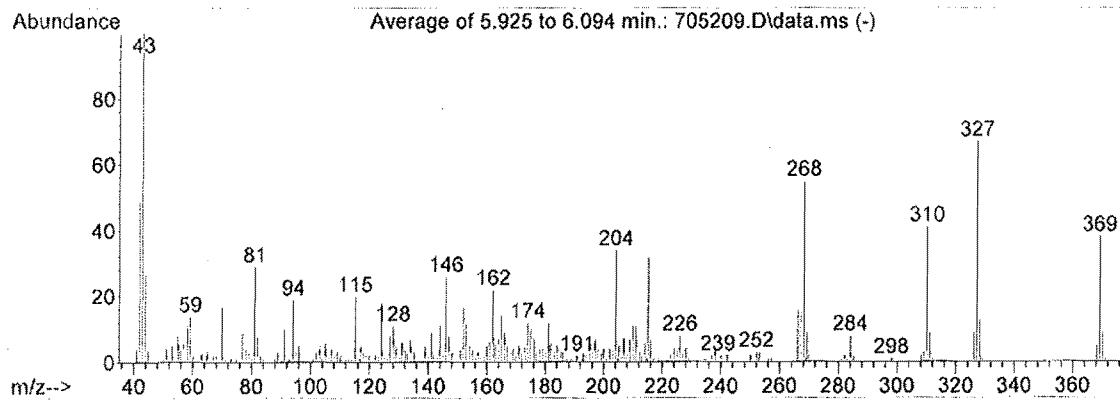
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705209.D
Operator : ASD
Date Acquired : 17 Mar 2010 9:33
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 9
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

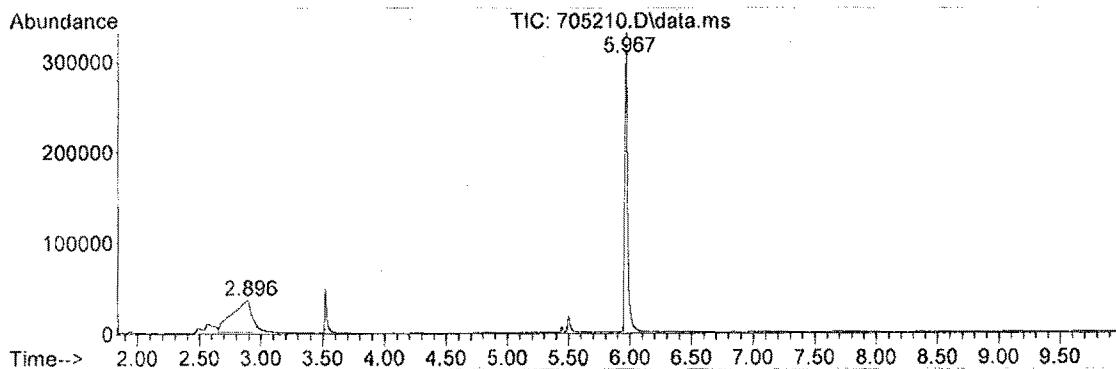
PK#	RT	Library/ID	CAS#	Qual
2	5.97	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705210.D
Operator : ASD
Date Acquired : 17 Mar 2010 9:46
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 10
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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2.896	395553	44.61	80.54
5.967	491099	55.39	100.00

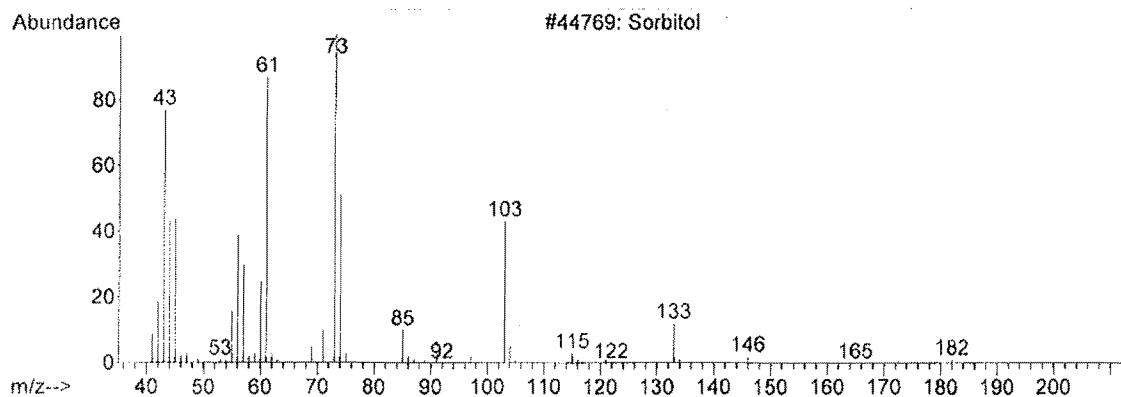
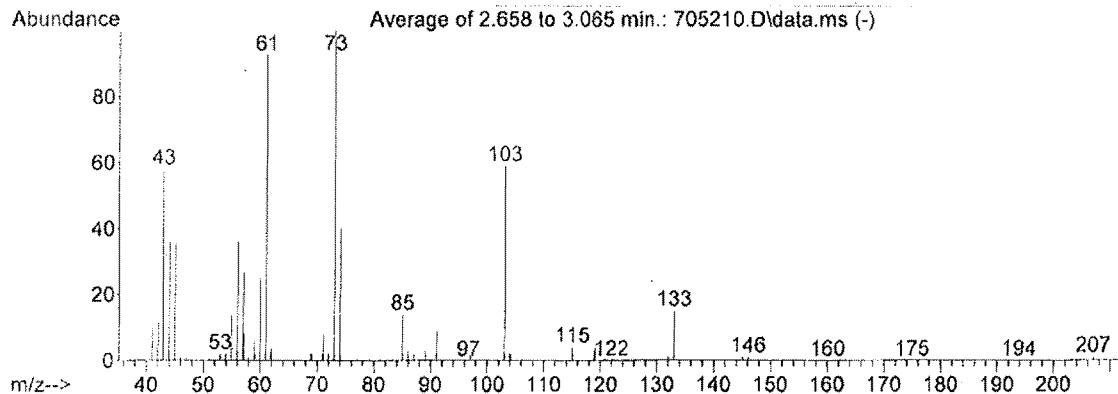
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705210.D
Operator : ASD
Date Acquired : 17 Mar 2010 9:46
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 10
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.90	C:\Database\NIST05a.L		
		Sorbitol	000050-70-4	87
		Sorbitol	000050-70-4	83
		D-Mannitol	000069-65-8	74



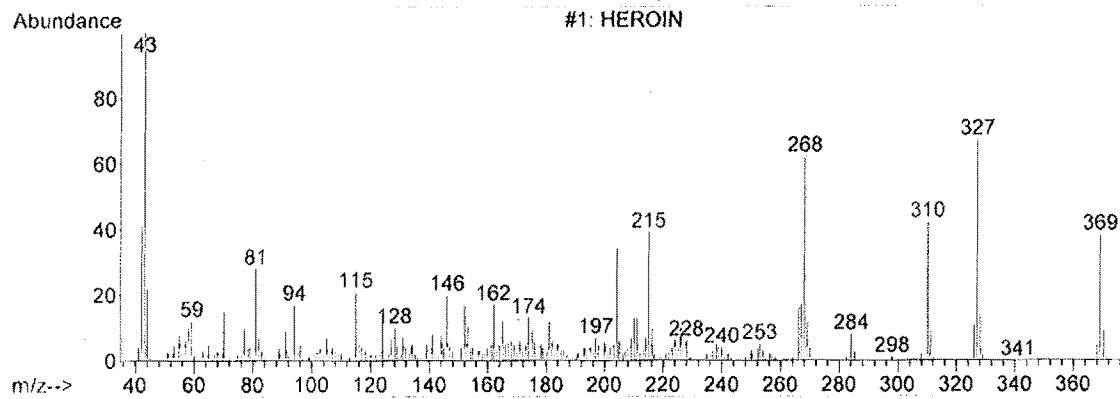
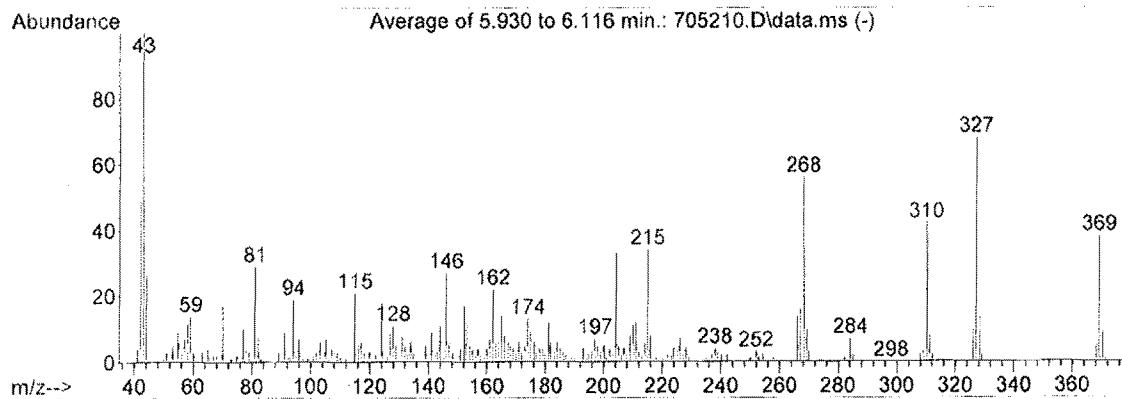
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705210.D
Operator : ASD
Date Acquired : 17 Mar 2010 9:46
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 10
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

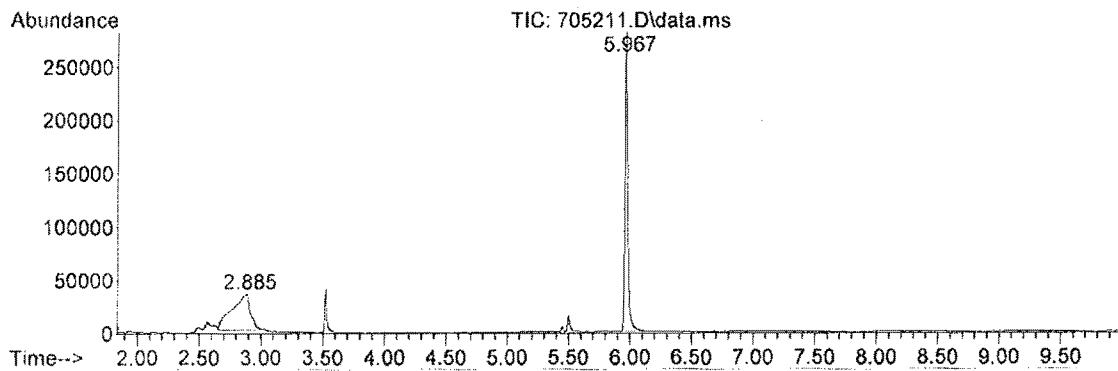
PK#	RT	Library/ID	CAS#	Qual
2	5.97	C:\Database\SLI.L HEROIN	000561-27-3	91



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705211.D
Operator : ASD
Date Acquired : 17 Mar 2010 9:59
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 11
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.885	352484	45.72	84.21
5.967	418553	54.28	100.00

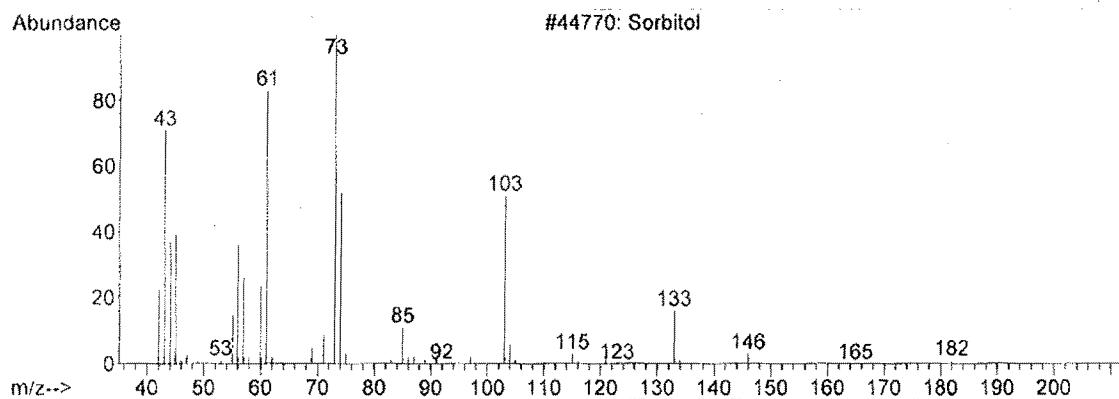
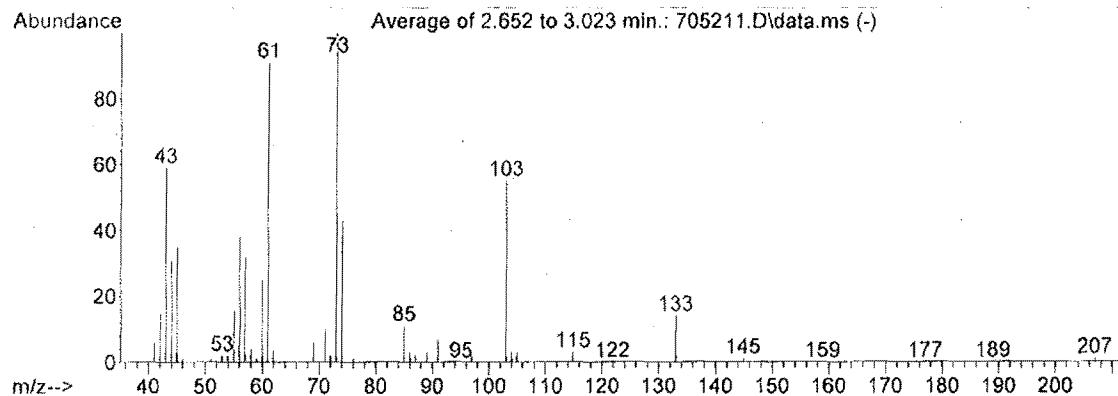
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705211.D
Operator : ASD
Date Acquired : 17 Mar 2010 9:59
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 11
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.89	C:\Database\NIST05a.L		
		Sorbitol	000050-70-4	90
		Sorbitol	000050-70-4	87
		D-Mannitol	000069-65-8	83



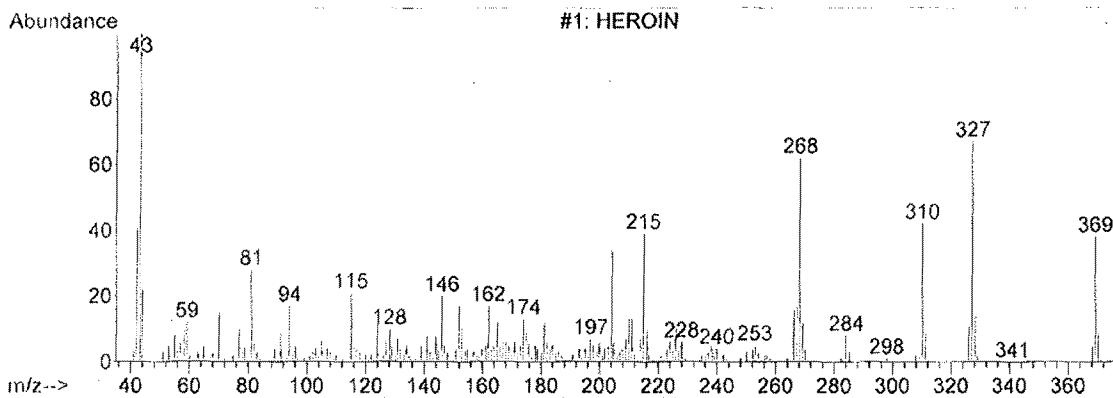
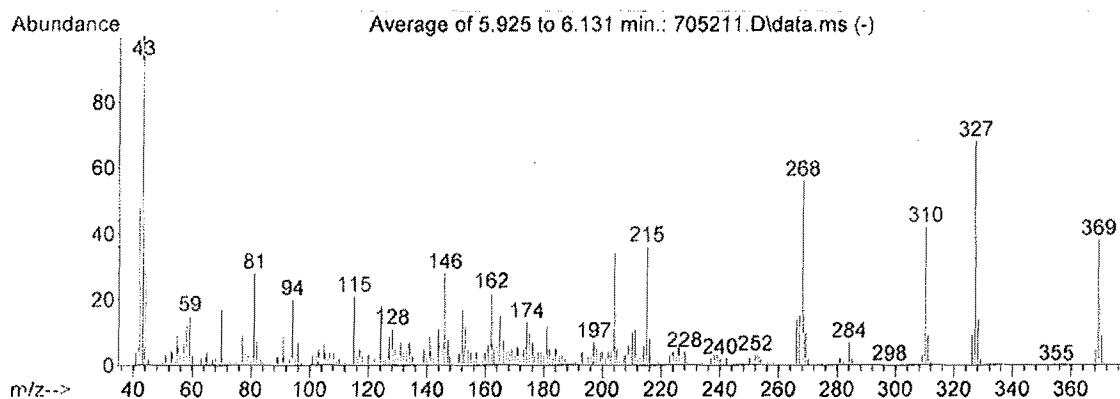
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705211.D
Operator : ASD
Date Acquired : 17 Mar 2010 9:59
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 11
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05A.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

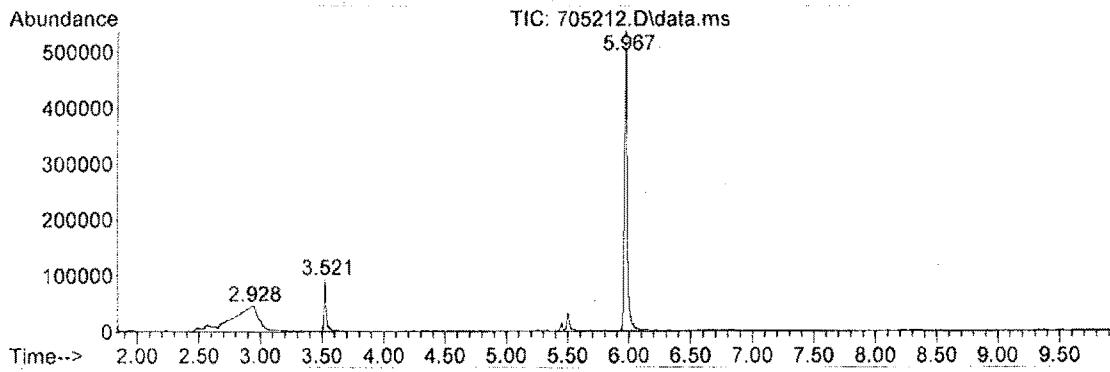
PK#	RT	Library/ID	CAS#	Qual
2	5.97	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705212.D
Operator : ASD
Date Acquired : 17 Mar 2010 10:11
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.928	573314	38.93	72.69
3.521	110827	7.52	14.05
5.967	788662	53.55	100.00

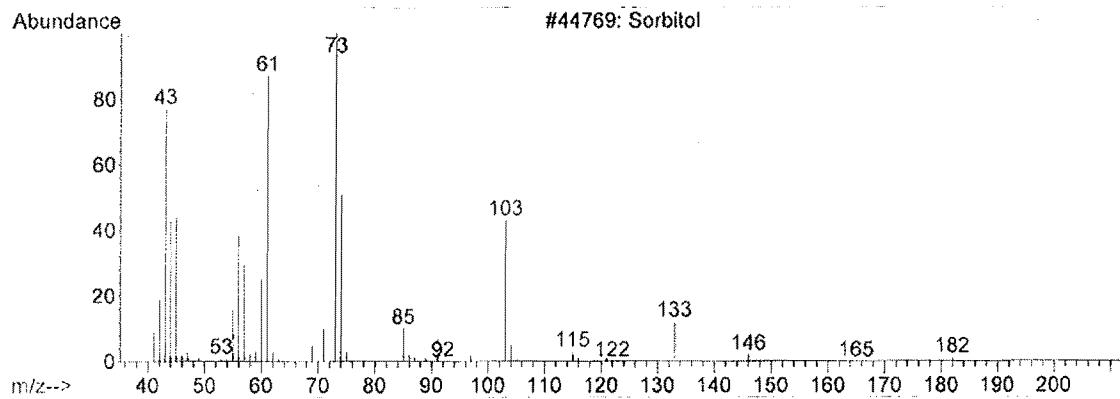
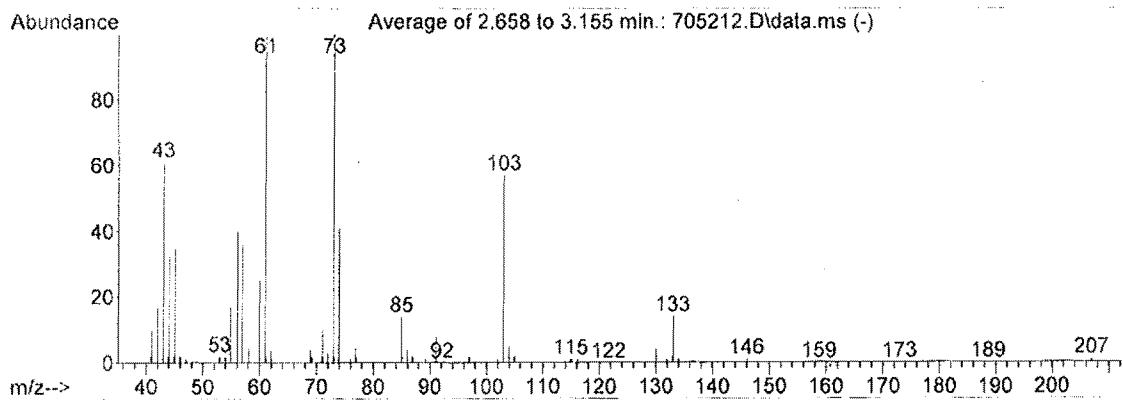
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705212.D
Operator : ASD
Date Acquired : 17 Mar 2010 10:11
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.93	C:\Database\NIST05a.L		
		Sorbitol	000050-70-4	87
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	72



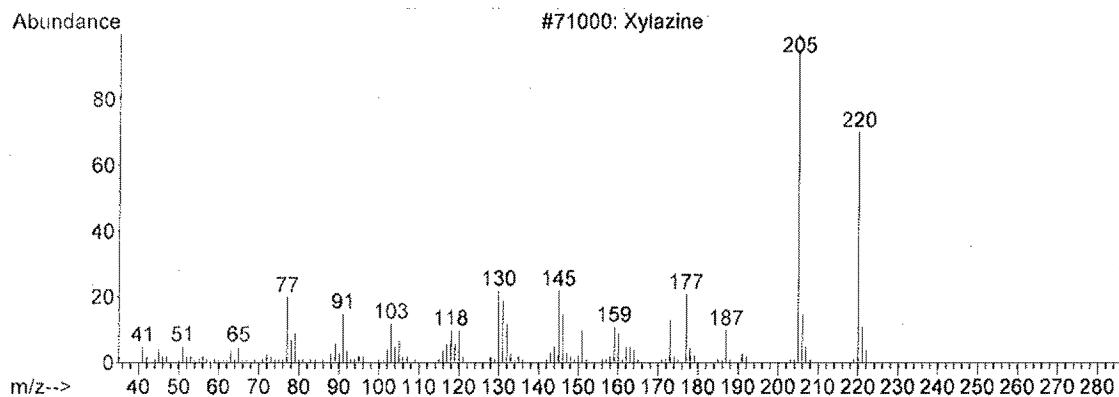
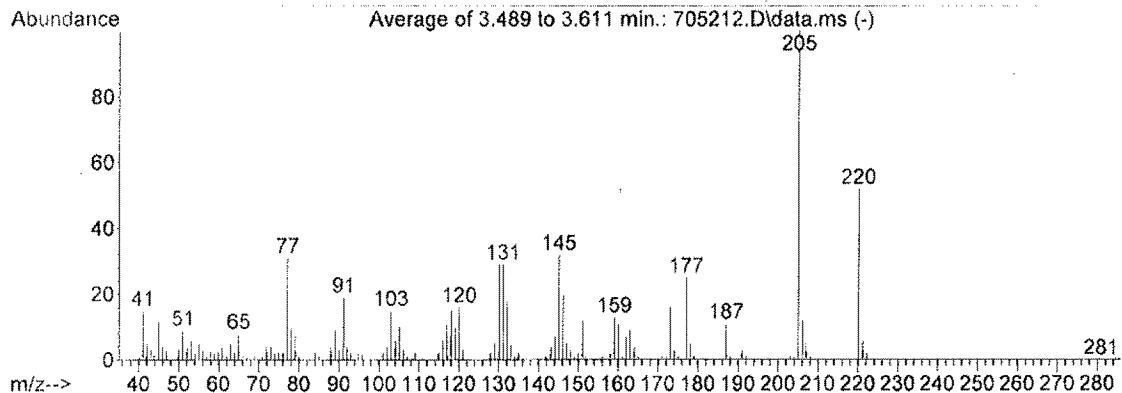
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705212.D
Operator : ASD
Date Acquired : 17 Mar 2010 10:11
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.52	C:\Database\NIST05a.L		
		Xylazine	007361-61-7	98
		Xylazine	007361-61-7	91
		9-Cedranone	1000156-23-2	55



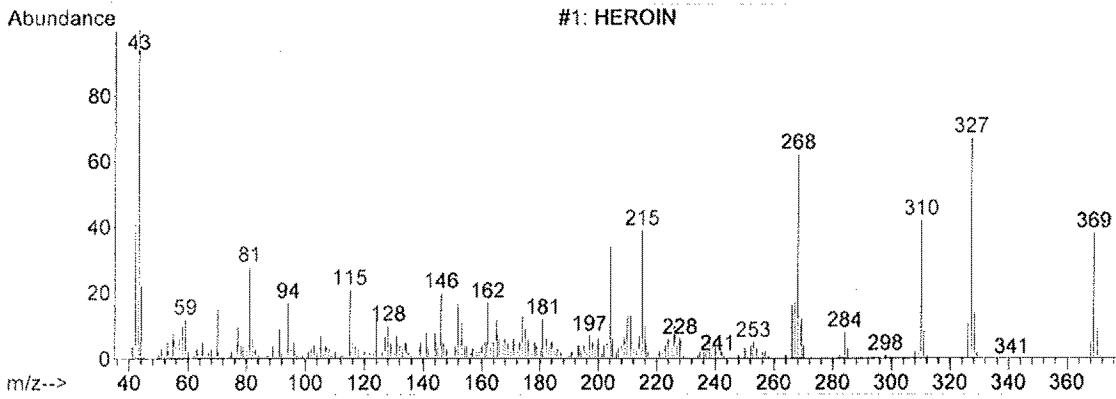
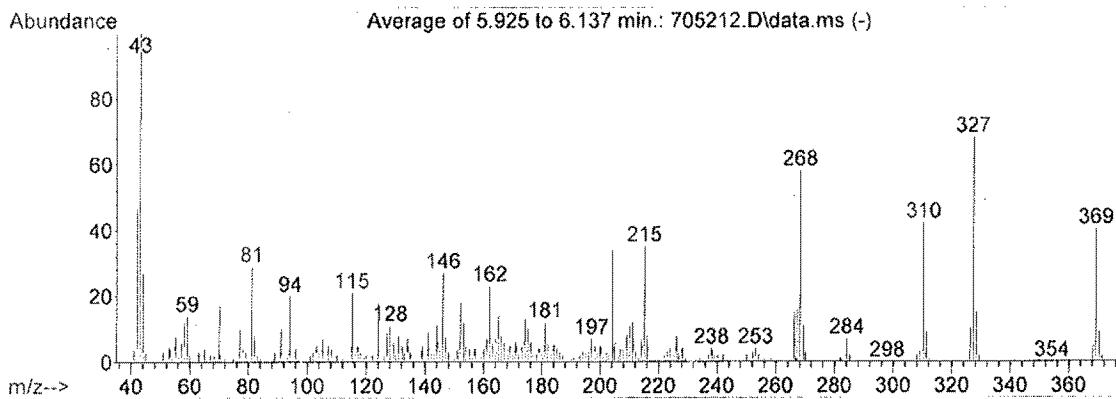
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705212.D
Operator : ASD
Date Acquired : 17 Mar 2010 10:11
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

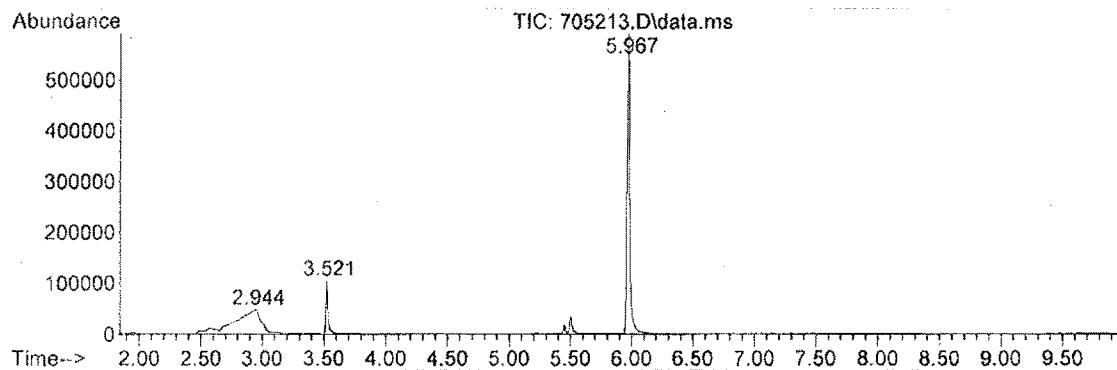
PK#	RT	Library/ID	CAS#	Qual
3	5.97	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705213.D
Operator : ASD
Date Acquired : 17 Mar 2010 10:24
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 13
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.944	570284	36.59	66.22
3.521	126986	8.15	14.74
5.967	861260	55.26	100.00

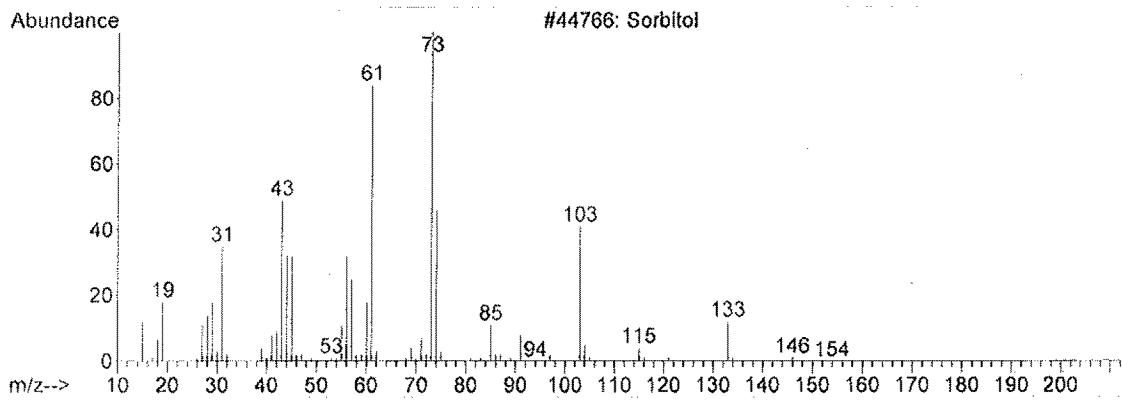
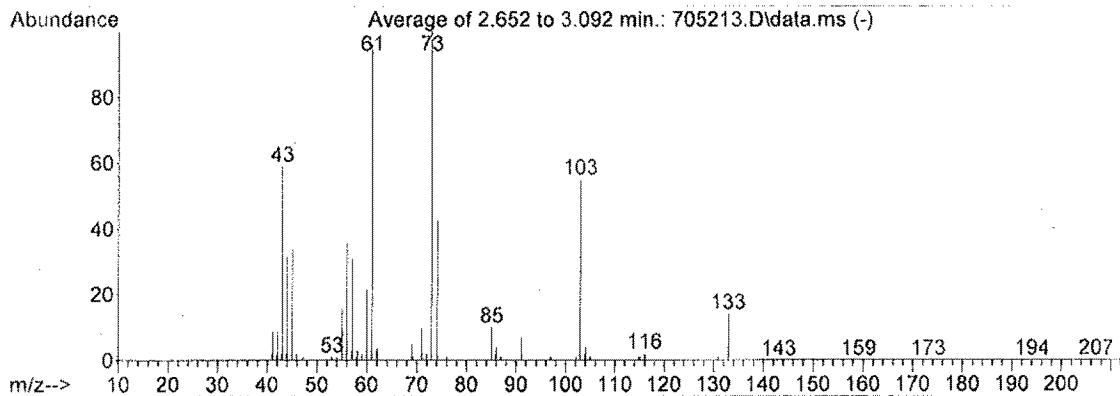
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705213.D
Operator : ASD
Date Acquired : 17 Mar 2010 10:24
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 13
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.94	C:\Database\NIST05a.L		
		Sorbitol	000050-70-4	91
		D-Mannitol	000069-65-8	90
		Sorbitol	000050-70-4	86



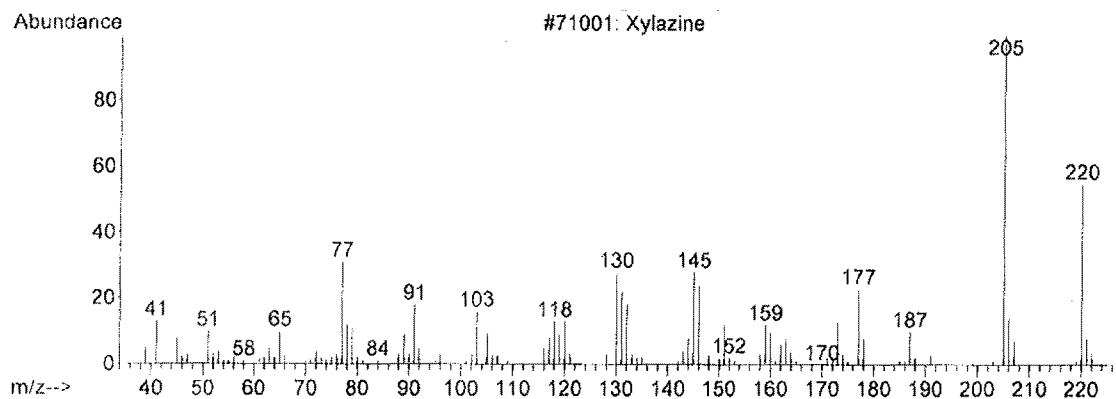
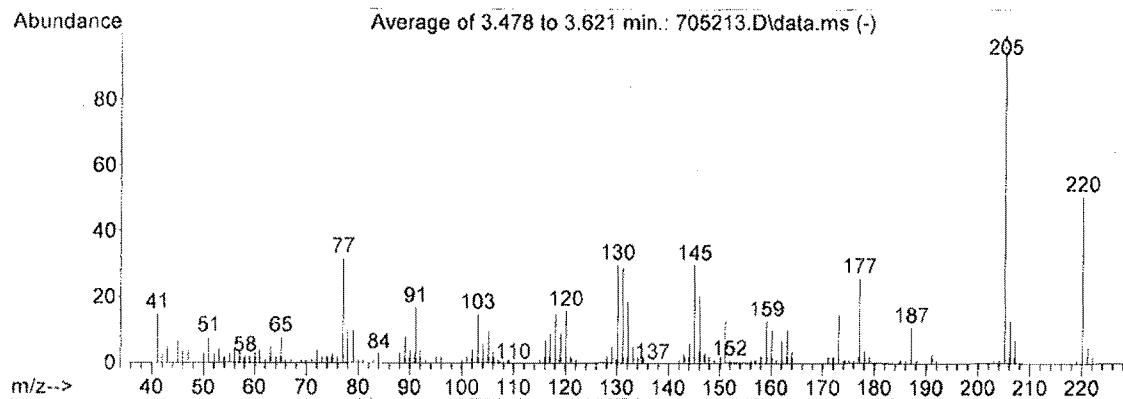
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705213.D
 Operator : ASD
 Date Acquired : 17 Mar 2010 10:24
 Sample Name : XXXXXXXXXX
 Submitted by : DJR
 Vial Number : 13
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.52	C:\Database\NIST05a.L		
		Xylazine	007361-61-7	97
		Xylazine	007361-61-7	96
		9-Cedranone	1000156-23-2	50



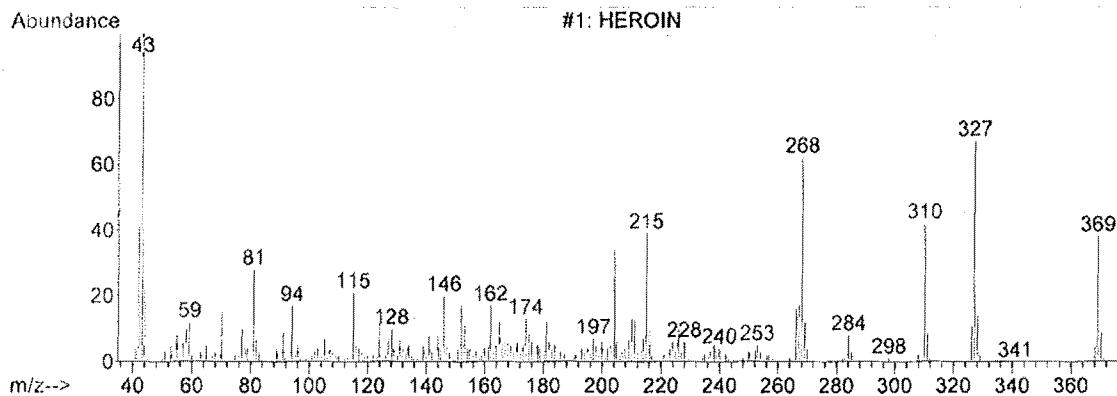
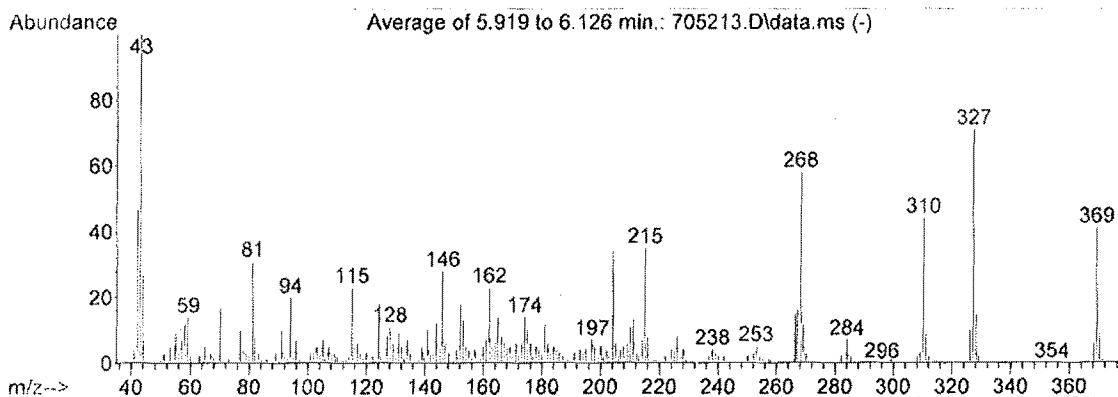
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705213.D
Operator : ASD
Date Acquired : 17 Mar 2010 10:24
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 13
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

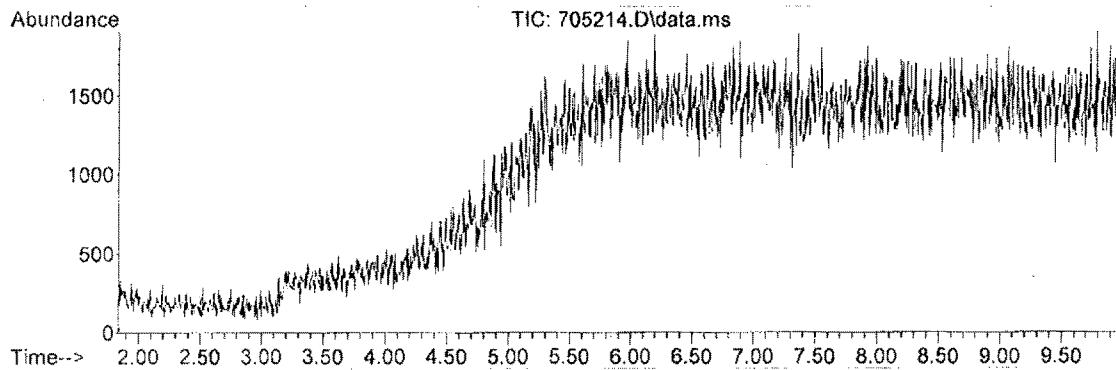
PK#	RT	Library/ID	CAS#	Qual
3	5.97	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705214.D
Operator : ASD
Date Acquired : 17 Mar 2010 10:37
Sample Name : BLANK
Submitted by : CBS
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

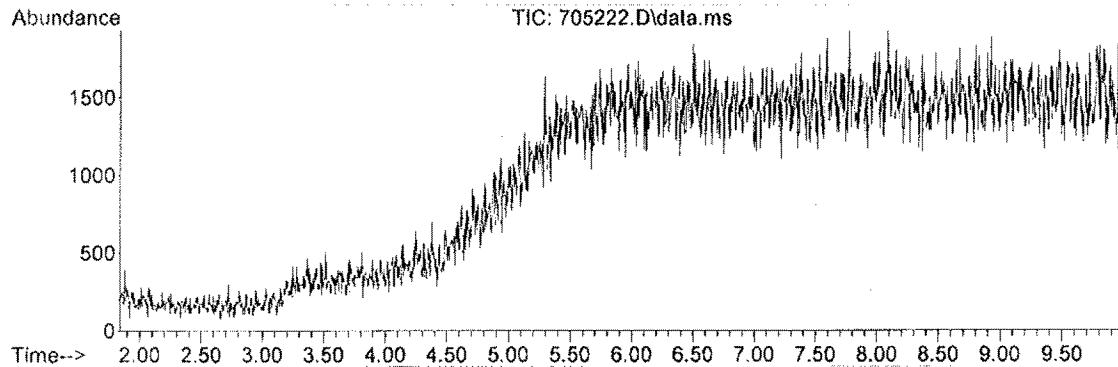


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705222.D
Operator : ASD
Date Acquired : 17 Mar 2010 12:18
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



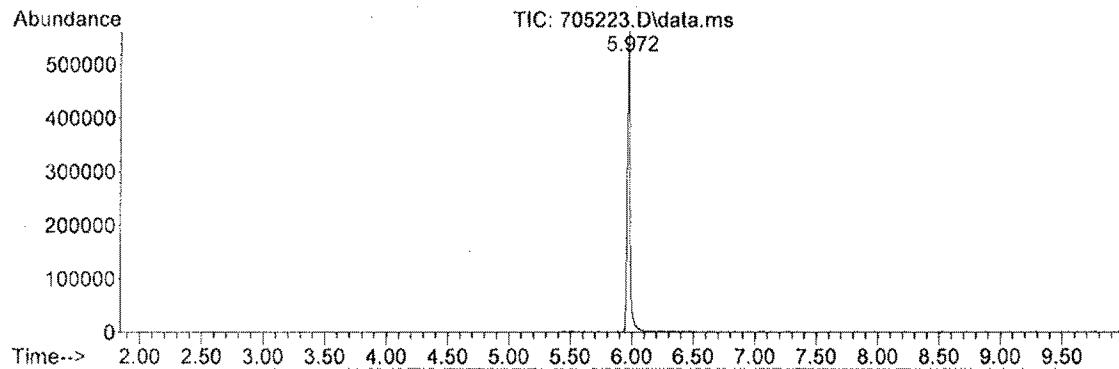
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705223.D
Operator : ASD
Date Acquired : 17 Mar 2010 12:31
Sample Name : HEROIN STD
Submitted by :
Vial Number : 23
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.972	839045	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\03_17_10\705223.D
 Operator : ASD
 Date Acquired : 17 Mar 2010 12:31
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 23
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.97	C:\Database\SLI.L HEROIN	000561-27-3	99

